YVONNE MIRAL

Maria Cristina, Iligan City, 9200, Philippines   yvonne.miral@gmail.com   09268264855

PROFILE

Versatile IT professional skilled in **software development, IoT, and database management**, with expertise in **microcontroller programming, AI tools, and system implementation**, while bringing proficiency in **digital design and multimedia editing**. Recognized for strong problem-solving, adaptability, and teamwork in delivering innovative solutions.

EDUCATION

2020 – 2024

MINDANAO STATE UNIVERSITY ILIGAN INSTITUTE OF TECHNOLOGY

Bachelor of Science in Computer Application major in Internet of Things

Magna Cum Laude

2018 – 2020

ILIGAN COMPUTER INSTITUTE

Information Technology

With Honor

WORK EXPERIENCE

PROJECT TECHNICAL SPECIALIST I

Mindanao State University – Iligan Institute of Technology (Applied Robotics and Intelligent System Laboratory) | 2025

- Provided technical support in system development, and maintenance.
- Assisted in preparing technical documentation, reports, and presentations.
- Assisted in the technical implementation and coordination of project activities.
- Managed and maintained project-related databases and records.

RESEARCH ASSISTANT

Mindanao State University – Iligan Institute of Technology (Applied Robotics and Intelligent System Laboratory) | 2024

- Collected and processed data for research projects.
- Attend meetings and various research activities.
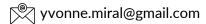- Developed software applications for project implementation.

VIDEO EDITOR

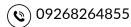**BFJ Studious (Internship) | 2021–2022**

- Edited travel content for Instagram, TikTok, Facebook, and YouTube.
- Created engaging videos showcasing travel adventures.
- Produced content that inspired and connected with global audiences.

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WORK EXPERIENCE

VIDEO EDITOR

Jidoka Pixels | 2020–2021
- Edited YouTube content using creative fonts and effects.
- Enhanced viewership with visually compelling editing techniques.

SKILLS

HARD SKILLS

Programming Languages
- C, C++, C#, Java, JavaScript, Python, Scala, PHP, HTML5, CSS

Frameworks & Libraries
- .NET, Node.js, React, React Query, Vue.js, Vuetify, TailwindCSS, Bootstrap, jQuery, Vite, Chart.js

Databases
- MySQL, MongoDB, PostgreSQL

Tools & Platforms
- GitHub, XAMPP, Apache, Cisco, Trello

Data Science & AI
- Pandas, NumPy, TensorFlow, Anaconda, Computer Vision

Design & Multimedia
- Figma, Canva, Adobe Photoshop, Adobe Premiere Pro, Adobe Lightroom, CapCut, InVideo AI

Specialized Skills
- Microcontroller programming and prototyping (Electronics)
- Microsoft Office Suite

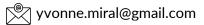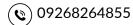### SOFT SKILLS

- Strong teamwork and collaboration skills
- Strong problem-solving and adaptability
- Analytical thinking and attention to detail
- Effective communication and documentation skills
- Creative and resourceful approach to challenges

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PROJECTS

January – October 2025	**INFRASPEX**
	Mindanao State University – Iligan Institute of Technology (ARIS Laboratory)

August – December 2024

CENTRALIZED WEATHER PREDICTION AND MONITORING SYSTEM FOR FLOOD–PRONE CITIES
Mindanao State University – Iligan Institute of Technology (ARIS Laboratory)

December 2023

OBJECT DETECTION
Artificial Intelligence in Internet of Things

November 2023

SUMOBOT COMPETITION
Robotics

November 2023

START UP – MEDISYNC
Technopreneurship

2023

WEBSITE DEVELOPMENT
Application Development and Emerging Technologies

2022

MS ACCESS
Information Management

2021

GAME DEVELOPMENT
Computer Programming 1

2020

WEBSTE DEVELOPMENT
Computer Programming

REFERENCES

DR. CARL JOHN O. SALAAN

Director of Center for Mechatronics and Robotics
Iligan City, Philippines

BRYAN JUANICO

Chief Executive Officer of BFJ Studios,
Cebu City, Philippines